

Amendments to the claims:

1. (currently amended) A power tool (10) with a housing (12) that includes a motor (20) with air cooling and a cooling-air exhaust duct (48), and a suction connecting piece (42) that guides cooling exhaust air guided by the cooling-air exhaust duct as well as dust evacuation air ~~a chip-suctioning flow,~~ and, connected thereto, includes a dust box (50, 150) including a top wall with air holes (72, 172) and a base,

wherein the dust box supports an air-tight hood in parallel with but a distance from the top wall and the base

~~wherein cooling exhaust air flows out of the suction connecting piece (42) at a high rate of speed and flows around and across the dust box (50, 150) in the region of its air holes (72, 172).~~

2. (previously presented) The power tool as recited in Claim 1,
further comprising separated channels for guiding the cooling exhaust air and the dust evacuation air in separate air streams out of the housing (12) to the dust box (50, 150) and further, unthrottled over its air holes (72, 172) over a large surface area as in a flat duct.

3. (currently amended) The power tool as recited in Claim 1,
wherein the dust evacuation air ~~exhaust flow~~ is guided in the suction

connecting piece (42) of the housing (12) such that it is sealed off by a partition (49) from the cooling exhaust-air flow.

4. (currently amended) The power tool as recited in Claim 1, wherein the ~~dust box (50, 150) supports an~~ air-tight hood (66) includes in parallel with but at a distance from an outer wall (62, 162) with the air holes (72, 172), the hood including an air outlet opening (70) in its back end.

5. (currently amended) The power tool as recited in Claim 1, wherein the suction connecting piece (42) has an inlet opening for the cooling air exhaust ~~exhaust-air duct (48)[[,]]~~ located radially outwardly and on an upper part of the suction connecting piece (42) ~~the top~~, that is guided in the upper part of the suction connecting piece (42).

6. (currently amended) The power tool as recited in Claim 1, wherein the dust box (50, 150) includes a coupling branch (52, 152) for connection with the suction connecting piece (42) of the power tool (10), the cooling air duct (54, 154) of which is capable of being coupled with the cooling exhaust-air guided by duct (48) ~~of the suction connecting piece (42).~~

7. (currently amended) The power tool as recited in Claim 1, wherein the base of the dust box (50, 150) is ~~provided with a base (60, 160)~~ capable of being detached in the manner of a cover.

8. (currently amended) The power tool as recited in Claim 1, wherein the ~~dust box (50) includes~~ a top wall (62) of the dust box is capable of being detached in the manner of a cover, the top wall carrying a pleated filter (64).

9. (canceled)

10. (currently amended) The power tool as recited in Claim 1, wherein the cooling exhaust-air duct (46) is enlarged in the manner of a funnel in the outflow direction and, at its largest cross section, leads into the suction connecting piece ~~duct (40, 42)~~.

11. (new) The power tool as recited in claim 1, wherein cooling exhaust air flows in the space between the top wall of the dust box and the air-tight hood.

12. (new) The power tool as recited in claim 1, wherein dust evacuation air flows in the space between the top wall of the dust box and the base of the dust box before it passes through the air holes in the top wall of the dust box to enter the space between the top wall of the dust box and the air-tight hood.